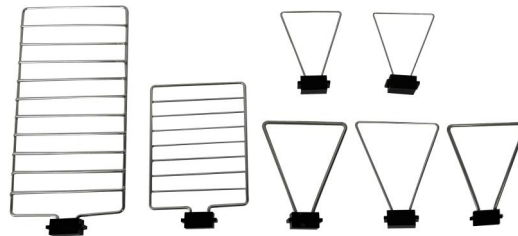


Grip Strength Meter (Item No.: SA415)

The Grip Strength Meter is widely used to evaluate the motor function in rodents such as rats or mice. By determining the maximum force displayed by the rodent, it acts as a good tool in studying neuromuscular functions in rodents. Our Grip Strength Meter comes with the analysis software which can calculate the data automatically, makes it very convenient for biological statistics.



Features and Benefits

- A Single grip strength meter for both Rats and Mice, which can be used as a stand-alone tool or connected to PC via the USB port to monitor the experiment and record the data.
- Equips with 2 grip mesh grid and 5 grip bars, to be suitable for forelimb grip strength test or hind limb grip strength test for Rat and Mouse.
- Battery powered compact control unit with intuitive setting and result view, last for using 20 hours.
- Sturdy base with attached and 360-degree rotation, be adjusted according to the angle of animal activity, to ensure more accurate force measurement.
- Highly reliable sensors, to achieve fine resolution 0.01N.
- Multi-units available: N, gf, LBs to meet various demand of force measurement.
- Easy to hold the animal by the tail or the neck's skin.
- Easy to Move the animal down until it grasps the grid/bar.
- Easy to Pull the animal along the sensor axis until grip is released.



Technical Parameters

- It includes 2 Grip plates and 5 Grip bars suitable for forelimb grip strength test or hind limb grip strength test for Rat and Mouse.
- Maximum tensile force Range: 0 – 50 N (5kgf).
- High resolution: 0.01N.
- Peak force remains until manual zeroing.
- Multi-units are recorded and displayed: N, gf, LBs Newton to meet various demand.
- Inductive backlight, turn on/off can be set easily.
- Built-in USB port allowing transfer of data to a PC.
- Data can be visualized on the control unit display or exported to a PC, then achieve the detailed analysis.
- Easy data transfer into TXT, Excel-compatible files.
- Multifunction curve graphic display in JPG format, easily for paper publication
- Power adaptor (100-240 V) or battery included for use 20 hours
- Overall dimension: 280X120X100mm
- Grip mesh size: 90x90mm
- Net weight: 4kg
- Power Input: 110~220V 50hz
- Power Output: 9V 400mA

